



**PATENT APPLICATION**  
Attorney Docket No. KB3

**CERTIFICATE OF MAILING**

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Kathi Coe

Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Karl W. Beeson et al.

Serial No. 10/814,043

Examiner: Karabi Guharay

Filed: March 30, 2004

Group Art Unit: 2879

Title: ILLUMINATION SYSTEMS UTILIZING LIGHT EMITTING DIODES AND LIGHT RECYCLING TO ENHANCE OUTPUT RADIANCE

**AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Examiner Guharay,

The Applicants, through the undersigned Attorney, respectfully submit the following amendment and remarks in response to the Office Action dated January 11, 2005.

In the Office Action dated January 11, 2005, the drawings were objected to because the drawings include reference characters not mentioned in the description of the present patent application.

Claims 2 to 38 were objected to because of informalities.

Claims 10, 11 and 37 were objected to because of informalities.

Claim 35 was objected to for being an improper Markush group.

Claims 1 to 8, 12 to 14, 20 to 29, 32 and 34 to 35 were rejected under 35 U.S.C. 103(a) as being unpatentable over Zimmerman et al. (US 6144536) and further in view of Zou et al. (US 6186649).

Claims 9 to 11, 15 to 19, 30 to 31, 33 and 36 to 38 were objected to as being dependent upon a rejected base claim but otherwise allowable if rewritten in independent form including all the limitations of the base and intervening claims.

In response to the Office Action of January 11, 2005, please amend the present patent application as follows:

Amendments to the Drawings will be filed under separate cover.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 10 of this paper.